



DATE: 6/12/14

ADDENDUM#1

BID NO. : 100022  
OPENING: 6/24/14@3:00pm  
COMMODITY: Dormitory Mattresses

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**Please replace the current Mattress Specification No."URI-4358-05 dated 5/26/14 with the revised version "URI-4358-06 dated 6/12/14" that has been attached to this Addendum. All remaining specifications remain the same for this bid request.**

If you have already submitted a bid and need to make any changes based on information within the Addendum, please submit a new bid response and indicate that this submission supersedes the prior.



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Debra Lee  
URI Assistant Purchasing Agent

*The University of Rhode Island is an equal opportunity employer committed to the principles of affirmative action.*

**University of Rhode Island**  
**Housing and Residential Life**

Standard Specification For  
Mattresses, Bed, Innerspring, Flame Retardant

Specification No. URI-4358-06

Date: 06/12/2014

Supersedes: 7/18/88

**1. SCOPE AND CLASSIFICATION:**

**1.1 Scope:** This specification covers the construction and materials for innerspring mattresses composed of flame retardant material (inside and out), as designed herein.

**1.2 Classification:**

**1.2.1 Type:** Innerspring mattresses covered by this specification shall be one type, one grade and one of class construction.

Type: I Non Gatch Type

**2. APPLICABLE SPECIFICATIONS**

2.1 The following specifications, of the issue in effect on date of

Invitation to Bid, form a part of this specification:

Federal Specification V-M-81 (Grade of Felt) Sec 1.2.1

Veterans Administration Specification X-1636, Vinyl/Nylon Laminate

Federal Spec: VM96-Type 3

All Mattresses quoted must be in compliance with the flame retardant requirements of the University of Rhode Island as follows: All mattresses purchased by the University of Rhode Island must pass the University of Rhode Island Flame Test (per the attached flame test requirements) . The Tentatively Awarded vendor must provide a sample of their quoted mattress(s) to the University of Rhode Island to be used to test using the URI Flame Test guidelines (both inside the mattress and outside) . The University reserves the right to require a Tentatively Awarded vendor's mattress to pass this URI Flame Test to insure the safety of our students and to be considered for the award of the contract. These specifications were designed to meet our unique needs and they exceed the State of Rhode Island & Federal Mattress flammability resistance requirements.

**3. REQUIREMENTS:**

**3.1 Size:**

3.1.1 Size of mattresses shall be as designated in the Invitation to Bid.

**3.2 Materials:**

3.2.1 All materials used shall be of 100% new stock according to RI Bedding and Upholstered Furniture Laws.

3.2.2 **Ticking:** Style B- Vinyl/Nylon Laminate, Flame Resistant, Antistatic and Anti-Bacterial (10 oz. sq yd. minimum) Ticking shall be certified to be in full compliance with Veterans Administration Spec. X-1636 of the latest issue

### 3.2.3 Filling Material

**Grade of Felt:** 40% Cotton, 60% Linters in accordance with Grade C of Federal Spec. V-M-81 if the latest issue. There shall be not less than 18 lbs for the 36"x75" mattress, 20 lbs for 39"x75" mattress; 28 lbs for the 54"x75" mattress. (Add 2lbs per mattress; for 80" lengths). Filling shall be equally divided on each side and distributed into the mattress with the exception of 15% of the total weight which is to be used in the center third of each side for crowning the mattress.

### 3.3 Spring Unit Construction:

**3.3.1 For Type I- Non Gatch Type-** The unit shall be of knotted Coil construction with transverse rows of coils connected by helical running at right angles to the long axis of the unit. The coil wire shall be not less than 13 gauge. The helical wire shall be not less than 17 ½ gauge. There shall be a border wire around the entire perimeter of the unit on each side. The border wire shall be not less than 8 gauge.

#### 3.3.1.1 Type I- Non Gatch Type- Size and Coil Count.

<u>Size (Inches)</u>	<u>Total Number of Coils, Min</u>
54x75	308
39x75	198
36x75	176
54x80	322
<u>Size (Inches)</u>	<u>Total number of Coils, Min.</u>
39x80	207
36x80	184

**3.3.3 Coils-** Coils shall be thoroughly heat treated so as to have maximum of 3/16" set when fully compressed. Height of coils shall be 5" plus or minus ¼"

**3.3.4 Insulators-** Entire area of both sides of spring units to be covered with Perm-A-Lator wire insulators with a maximum wire spacing of 1-1/4". Over the wire insulators shall be placed perimeter sized rubberized fiber pad insulators, 2.5 oz. Per sq. ft, or approved equal, hog-ringed to each side of the spring unit.

**3.3.6 Panels-** Each top and bottom-ticking panel shall have a 5" wide flame retardant flange, which meets DOC-FF-4-72. The flange shall be double needle stitched to all sides. The flange in turn shall be inner tacked over the insulators securely fastened to each and every perimeter coil to prevent any movement of upholstery.

Each top and bottom-ticking panel shall consist of not more than one longitudinal strip (no seams). Stripes shall run lengthwise. Stitching of top and bottom panels shall be sewn to pre-built stitched border with 5/8" fire retardant biding tape; eight stitches per inch.

**3.6 Finish:** Mattress shall be well-finished, clean, and free from defects materially affecting appearance or service. Workmanship shall conform to the best trade practice.

### 4. **SAMPLING, INSPECTION AND TEST PROCEDURES:**

**4.1 Order Sampling-** The successful bidder shall allow the University of Rhode Island the right to open for inspection 1% of the mattresses delivered to determine compliance with specifications. Rejection of random Sample (s) shall be grounds for rejection of the entire shipment. Mattresses opened for inspection and testing shall be replaced by the contractor at no cost to the University.

4.2 **Inspection**- The mattresses shall have label attached to conform with the legal requirements of the State of Rhode Island. Mattresses shall be subject to inspection for compliance with the law by the Inspection Division of the RI Department of Business Regulation which is responsible for the enforcement of the statutes regulating the manufacture and sale of articles of bedding or upholstered furniture. Inspection may be done at the destination or at the place of manufacture.

4.3 **Testing**- Flammability Performance- per the "University of Rhode Island Mattress Flame Test Requirements" (dated 4/11/2012) attached.

## **5. PREPARATION FOR DELIVERY:**

5.1 **Dating**: All mattresses delivered under this specification shall bear the Date of Manufacture.

5.2 **Packing**: Each mattress shall be individually bagged or wrapped in clear plastic in a manner commonly used in vendor's transportation or commercial transportation so constructed as to insure acceptance and safe delivery to the location for in the contract or purchase order.

This specification shall, until revised or rescinded, apply to each future purchase and contract for the commodity described herein.